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The Law Offices of Mikio Ishimaru

Intellectual Property Law
Patents - Licensing - Strategy - & Related Matters
1110 Sunnyvale-Saratoga Road, Suite A1
Sunnyvale, CA 94087
Telephone: (408) 738-0592
Fax: (408) 738-0881

Fax

To: Mail Stop AMENDMENT
Examiner Jacob M. Meek

From: Mikio Ishimaru

Fax: (571) 273-8300
TC 2637 - Before Final

Pages: 17, including this page

Phone:

Date: November 21, 2005

Re: U.S. Patent Application Serial
No. 09/841,837

Atty. Docket no.: 428-B01.US

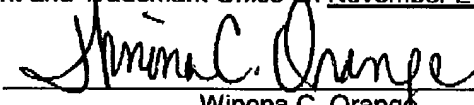
☒ Response/Amendment to Office Action☐ Information☐ Other**IMPORTANT**

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Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to
the United States Patent and Trademark Office on November 21, 2005



Winona C. Orange

With reference to serial number 09/841,837, the following are being submitted:

- Fax Cover Sheet with Certificate of Transmission (1 page)
- Transmittal for Enclosures (1 page)
- Response/Amendment (15 pages)

P. 02
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PATENT

Docket No.: 428-B01.US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: **Error! MergeField was not found in header record of data source. Error! MergeField was not found in header record of data source. et al.** : **Confirmation No.:** **Error! MergeField was not found in header record of data source.**

Serial No.: 09/841,837 : **Examiner:** Jacob M. Meek

Filed: : **Group Art Unit:** 2637

For: **METHOD AND APPARATUS FOR DETECTING AND QUANTIFYING IMPAIRMENTS IN QAM SIGNALS**

TRANSMITTAL FOR ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Response/Amendment	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> After Final	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Affidavits/Declaration(s)	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Information Disclosure Statement, PTO Form-1449, & cited Reference(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	• Fax Cover Sheet with Certificate of Transmission
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	

The fee, if required, has been calculated as shown below:

	NO. OF CLAIMS	HIGHEST PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	FEE
Total Claims	14	20	0	x \$25 =	\$ 0.00
Independent Claims	2	3	0	x \$100 =	\$ 0.00
If multiple claims newly presented, add \$150					
Fee for extension of time (2 months)					\$260.00
Other:					
TOTAL FEE					\$260.00

- ☒ Please charge Deposit Account No. 50-0374 in the amount of \$260.00. An additional copy of this transmittal sheet is submitted herewith.
- ☒ The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 50-0374, including any filing fees under 37 CFR 1.16 for presentation of extra claims and any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,



Mikio Ishimaru
 Registration No. 27,449
 Date: November 21, 2005

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PATENT

Docket No.: 428-B01.US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<i>In re</i> Application of:	Gérard Terreault, et al.	:	Confirmation No.:	5819
Serial No.:	09/841,837	:	Art Unit:	2637
Filed:	4/26/2001	:	Examiner:	Jacob M. Meek
For:	METHOD AND APPARATUS FOR DETECTING AND QUANTIFYING IMPAIRMENTS IN QAM SIGNALS			

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Sir:

The following Amendment and Remarks are submitted in response to the Office Action mailed June 23, 2005, following the amendment format set forth under 37 CFR §1.121. After this introductory section, there are amendments to the Claims, and then Remarks, each starting on a separate page.

Amendments to the Claims consist of amendments for claims 2, 4, 13 and 18, which are incorporated in a complete listing of the claims.